



Press Release
May 4, 2009

PROJECTS UPDATE

PROFILE

Plexmar is a junior company focused on precious metals in Peru and Ecuador

PROPERTIES

Gold :Peru: Oro Del Norte, Marilia, Bolsa Del Diablo, Ecuador: Escondida

CORPORATE INFO

- 160 M shares outstanding
- Symbol: **PLE** (TSX-V)

website :
www.plexmar.com

QUEBEC (Quebec), May 4, 2009. Plexmar Resources Inc. (TSX-V: PLE) is pleased to report on Ucuca's progress in the Bolsa del Diablo project area. Plexmar has been notified by Ucuca that exploration can resume in May. Plexmar has its technical team ready for an imminent return on the project. Ucuca will notify Plexmar as soon as the communities' permission to bring equipment such as the geophysical contractor's equipment and small diamond drilling rigs is obtained. However, geologists will be back in the field this month. They will pursue the on-going sampling program and get ready for the continuation of the ground geophysical program.

Ucuca reported to Plexmar that, since January, a lot of progress was made towards the commercialization of ore and obtaining the acceptance to start the drilling program. Ucuca has purchased a 300 hectare piece of land, north of Piura, to accommodate its future processing plant. The land was chosen for its proximity to the gold producing areas and accommodations while located in a desert environment away from agricultural areas. In order to process the ore until the local plant is ready, an increase in milling capacity was required at Ucuca's plant located near Nazca, in southern Peru. Capacity was increased from 150 tpd to approximately 400 tpd, two 20 ft. diameter leaching tanks were built and a ball mill circuit was installed.

Following plant modifications, Ucuca reported the purchases of gold bearing material from Plexmar's and adjoining concessions at a steadier rate. In the past two weeks, over 125 tons of waste material was bought from miners stockpiles grading 0,8 ounces per ton. Over 75 tons of hard rock material was also bought with an average of 4,5 ounces of gold per ton. In the coming weeks, gold bearing material purchases will ramp up to an average of 70 tons per day.

On the contractual side, Ucuca remains within the 90 day period imposed by the contracts, (*See Jan. 17, 2009 release*). The days are working days and the 90th working day falls May 19th 2009. Also, under the Peruvian mining law, mining contracts, such as the ones between Ucuca and Plexmar's subsidiary, need to be registered in the national public registry and with the Ministry of Mines before having full legal force. Due to extended delays in the legal system, those contracts have been fully registered and in full legal force only since this week. Notwithstanding this fact, Ucuca has made significant progress towards fulfilling their obligations.

Pictures of Ucuca's plant modifications have been posted on www.plexmar.com

In Ecuador, Plexmar is in steady contact with representatives from the Ecuador Ministry of Mines. Following the passing of the new Law's regulations in the coming months, management expects to have better clarity on the status and future of its concessions. The Company's activities have been limited to administrative and legal matters due to the Mining Mandate issued by the Ecuador Constituent Assembly on April 18, 2008, which, among other provisions, provided for the suspension of exploration activities in Ecuador for a period of 180 days. Ecuador recently passed a new Mines Law, which replaces the Mining Mandate, and is working on developing

regulations and finalizing terms and conditions of future mining operations. The Company looks forward to working with government officials to this end.

The TSX Venture Exchange does not accept responsibility for the adequacy or accuracy of this release.

This press release includes certain statements that may be deemed "forward-looking statements". All statements in this release, other than statements of historical facts, that address future exploration drilling, exploration activities and events or developments that the Company expects, are forward looking statements. Although the Company believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results or developments may differ materially from those in forward-looking statements. Factors that could cause actual results to differ materially from those in forward-looking statements include market prices, exploitation and exploration successes, continued availability of capital and financing, and general economic, market or business conditions.

FOR FURTHER INFORMATION PLEASE CONTACT:

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New 20' leaching tanks





Newly installed ball mill and leaching tanks



Plant showing new circuit (on the left)